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FAX NO.: (571) 273-8300

FROM: Terry W. Kramer
KRAMER & AMADO, P.C.

DATE: August 14, 2006

SUBJECT: U.S. Patent Application
Title: LINEAR TRANSFORMATION FOR SYMMETRIC-KEY-
CIPHERS
Serial No.: 09/918,831
Attorney Docket No.: NL-000444

PAGES: INCLUDING COVER PAGE (12)

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- Transmittal (1 page)
- Amendment (10 pages)

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AUG 14 2006

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/918,831	
	Filing Date	August 1, 2001	
	First Named Inventor	Petrus L. Roelse	
	Art Unit	2137	
	Examiner Name	Pyzocha, Michael J.	
Total Number of Pages in This Submission	11	Attorney Docket Number	NL 000444

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Kramer & Amado, P.C.		
Signature	<i>Terry W. Kramer</i>		
Printed name	Terry W. Kramer		
Date	August 14, 2006	Reg. No.	41,541

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Typed or printed name	Maira Anderson	Date 8-14-06

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Appl. No. 09/918,831
Final Amendment and/or Response
Reply to final Office action of 12 APRIL 2006

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AUG 14 2006

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

Appl. No. : 09/918,831
Applicant(s) : ROELSE, Petrus L.
Filed : August 1, 2001
TC/A.U. : 2137
Examiner : PYZOGA, Michael J.
Atty. Docket : NL-000444

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On: 14 August 2006

Title: **LINEAR TRANSFORMATION FOR SYMMETRIC-KEY CIPHERS**

AMENDMENT and/or RESPONSE after FINAL ACTION

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the final Office action of **12 APRIL 2006**, please amend the above referenced application as follows and/or reconsider the application in light of the following remarks. Please charge Deposit Account No. 50-0578 for any extension of time or excess claim fees required for filing this paper.

This paper includes (each beginning on a separate sheet):

- 1. Amendments to and/or listing of the claims; and**
- 2. Remarks / Discussion of issues.**